TO6T20" 59260660

FIGURE 1

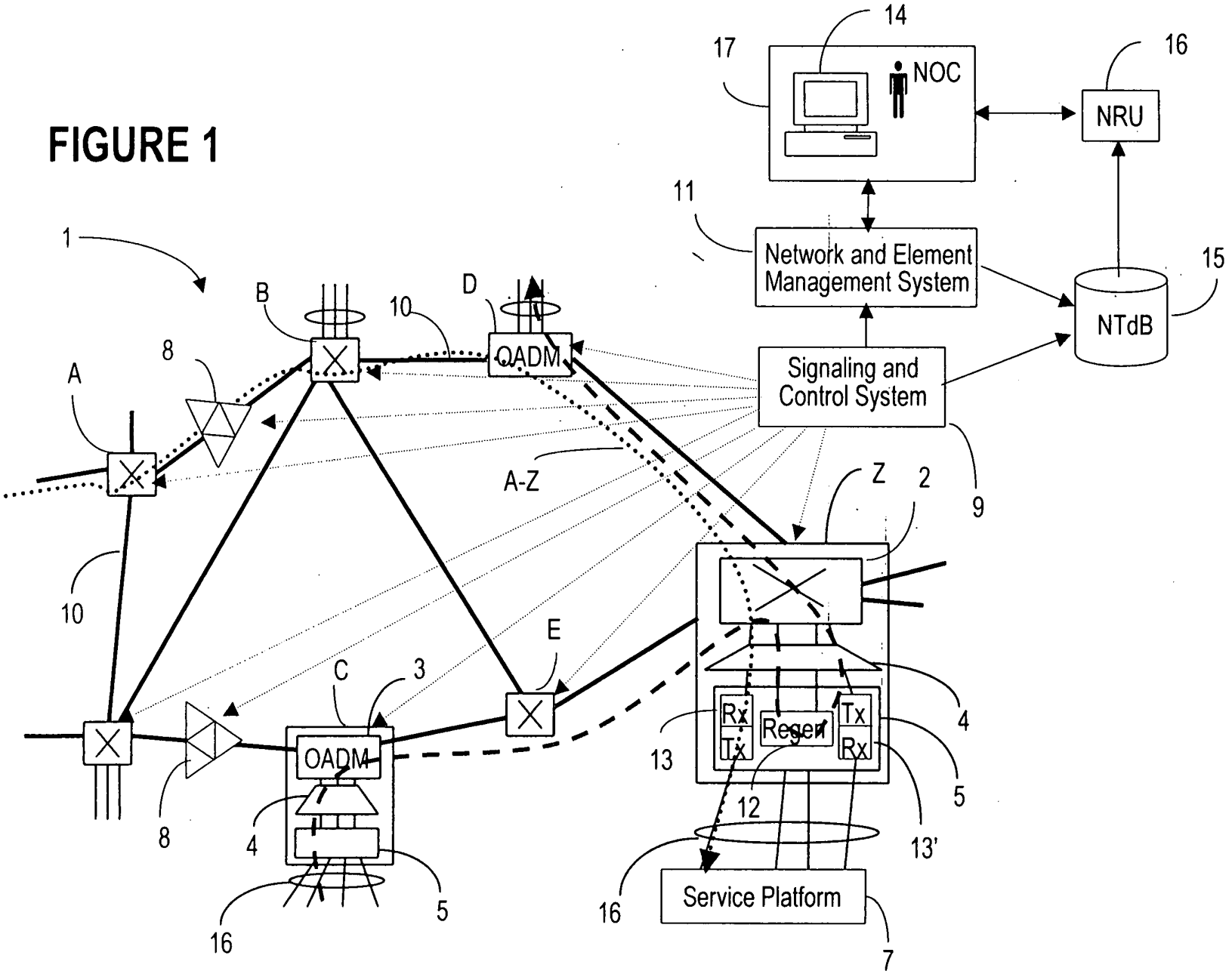


FIGURE 2

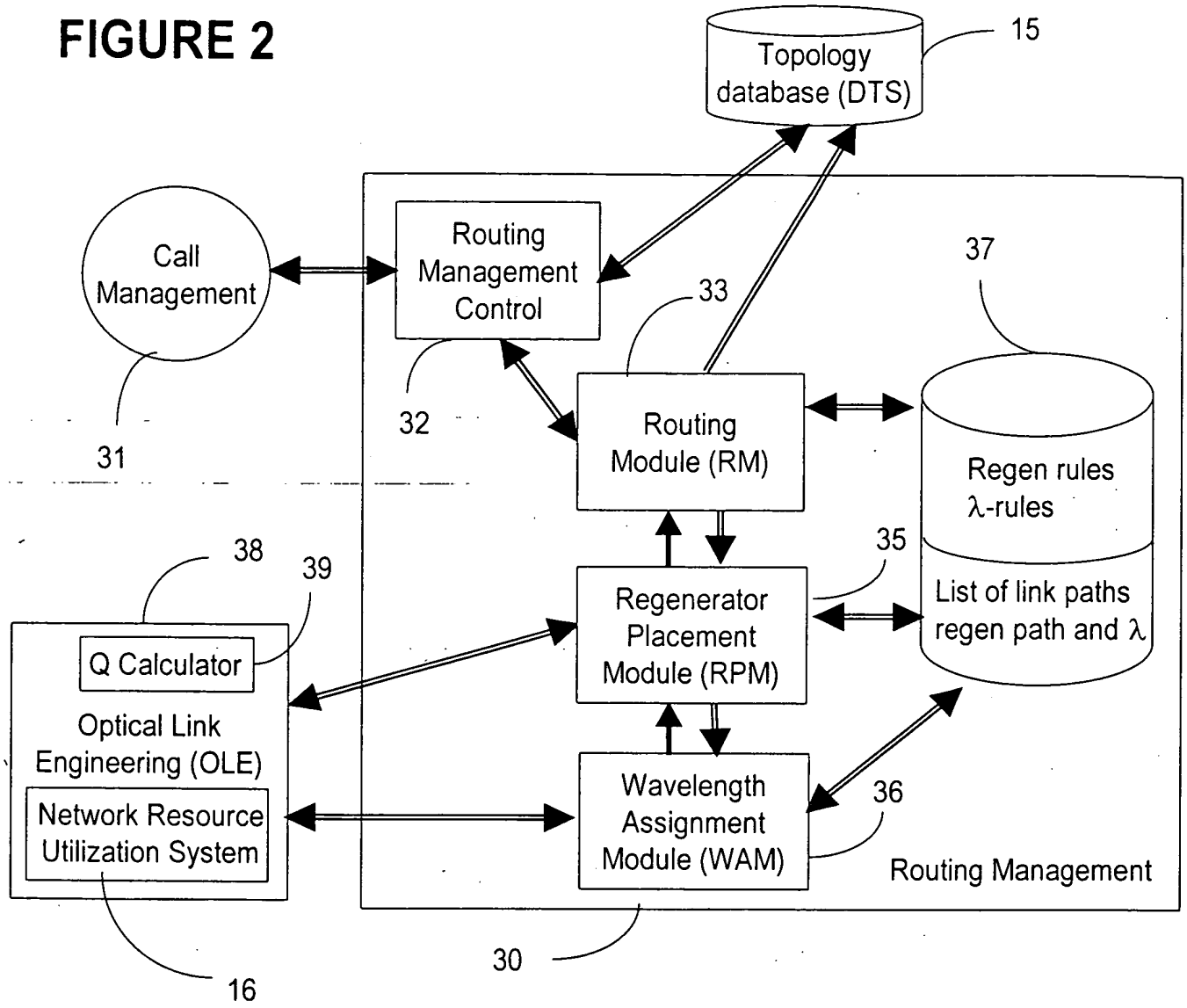
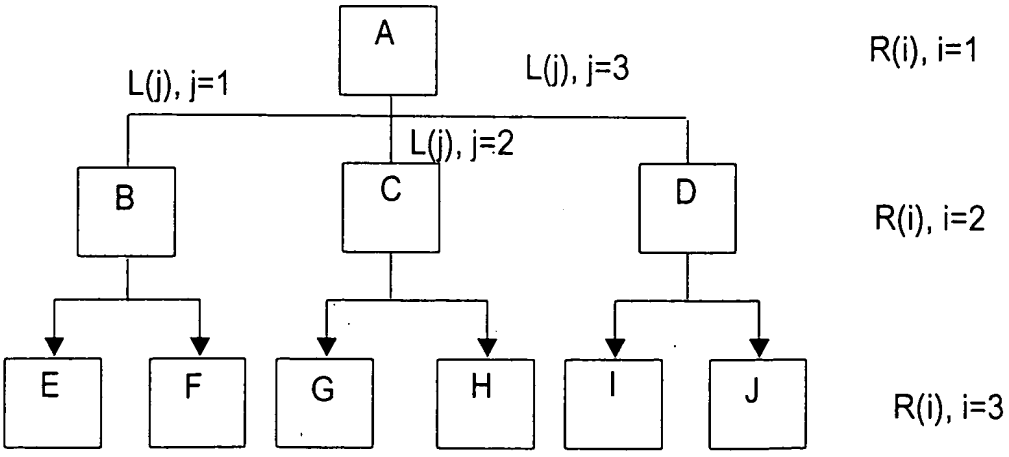


FIGURE 3A



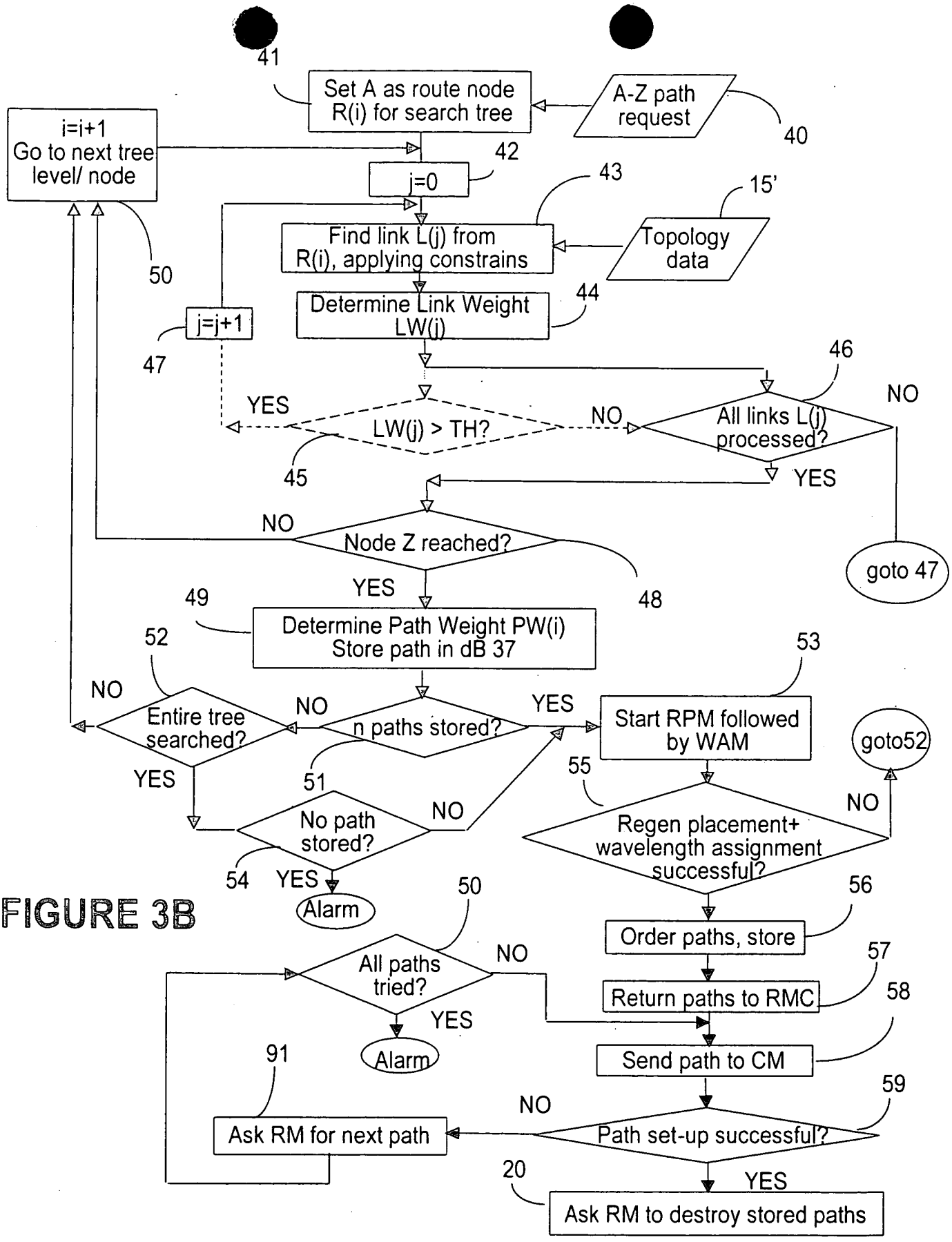
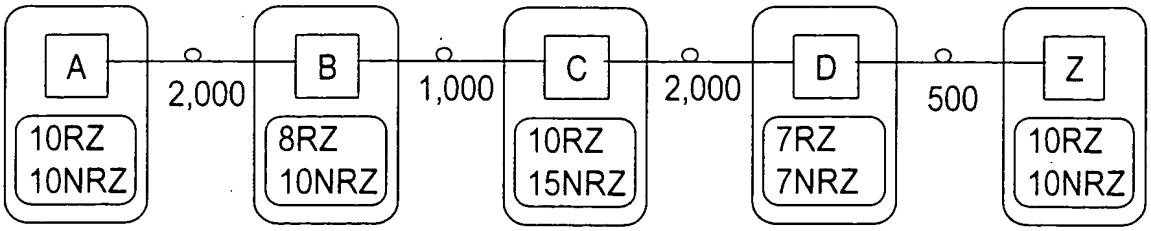

41
Set A as route node R(i) for search tree
A-Z path request
40
i=i+1 Go to next tree level/ node
42
j=0
43
15'
Find link L(j) from R(i), applying constrains
Topology data
50
Determine Link Weight LW(j)
44
j=j+1
47
46
YES
LW(j) > TH?
NO
All links L(j) processed?
NO
45
YES
NO
Node Z reached?
goto 47
48
YES
49
Determine Path Weight PW(i) Store path in dB 37
52
53
NO
Entire tree searched?
NO
n paths stored?
YES
Start RPM followed by WAM
goto52
YES
51
55
No path stored?
NO
NO
Regen placement+ wavelength assignment successful?
54
YES
Alarm
50
56
Order paths, store
All paths tried?
NO
57
Return paths to RMC
58
YES
Alarm
Send path to CM
91
59
NO
Ask RM for next path
Path set-up successful?
20
YES
Ask RM to destroy stored paths

FIGURE 3B

FIGURE 4A



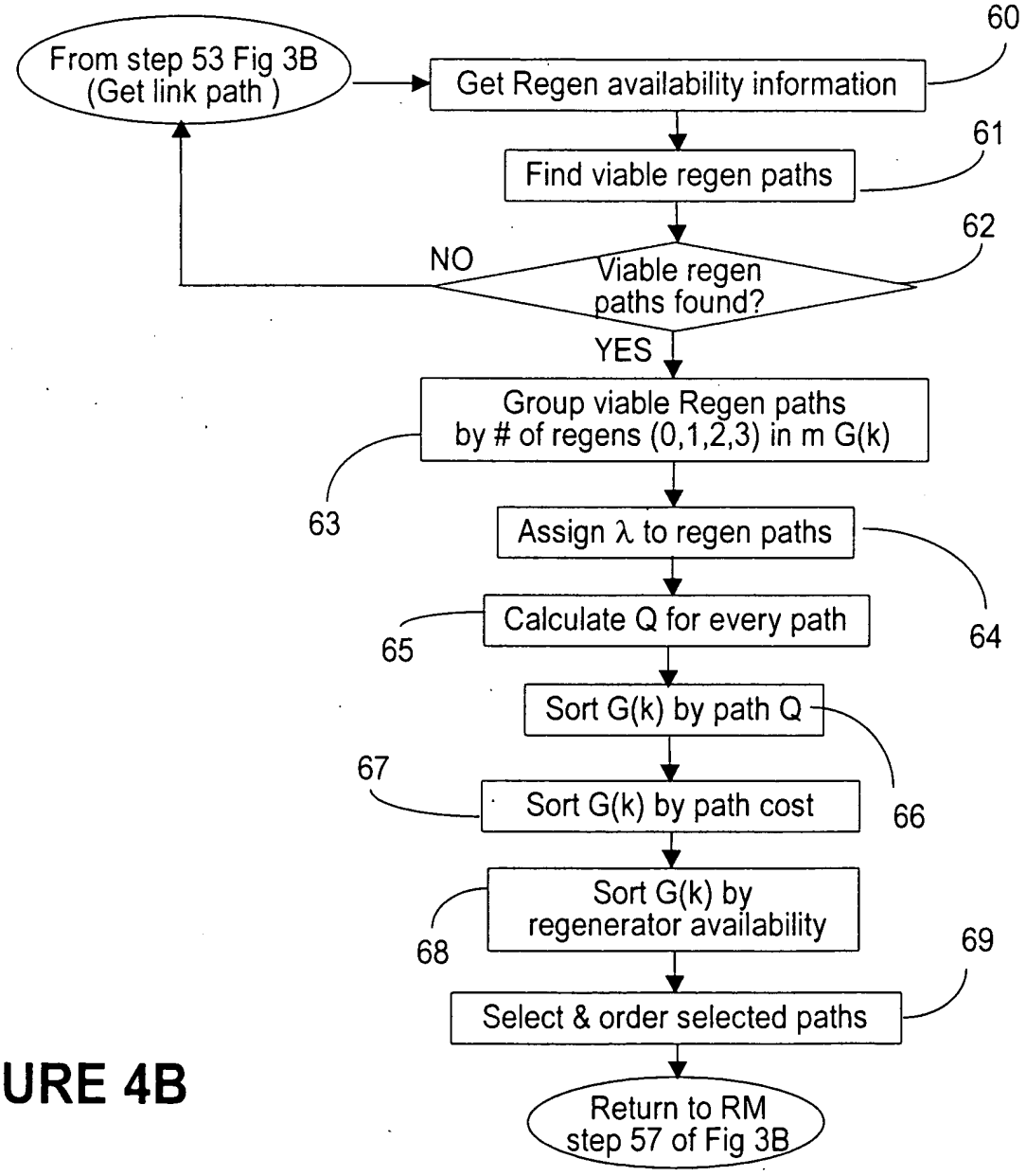


FIGURE 4B

T0617.0 5926960

TOSHIBA-5926060

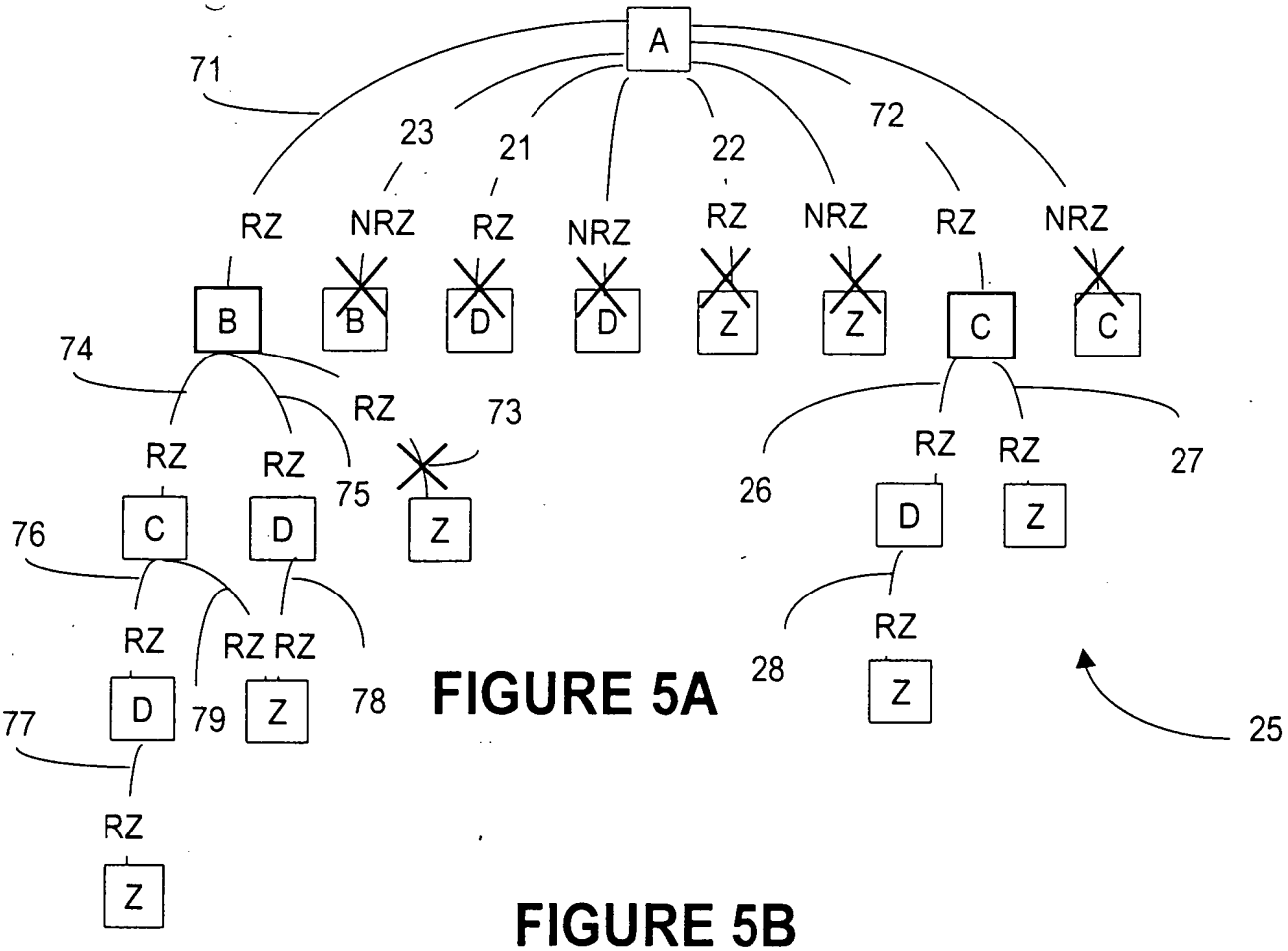
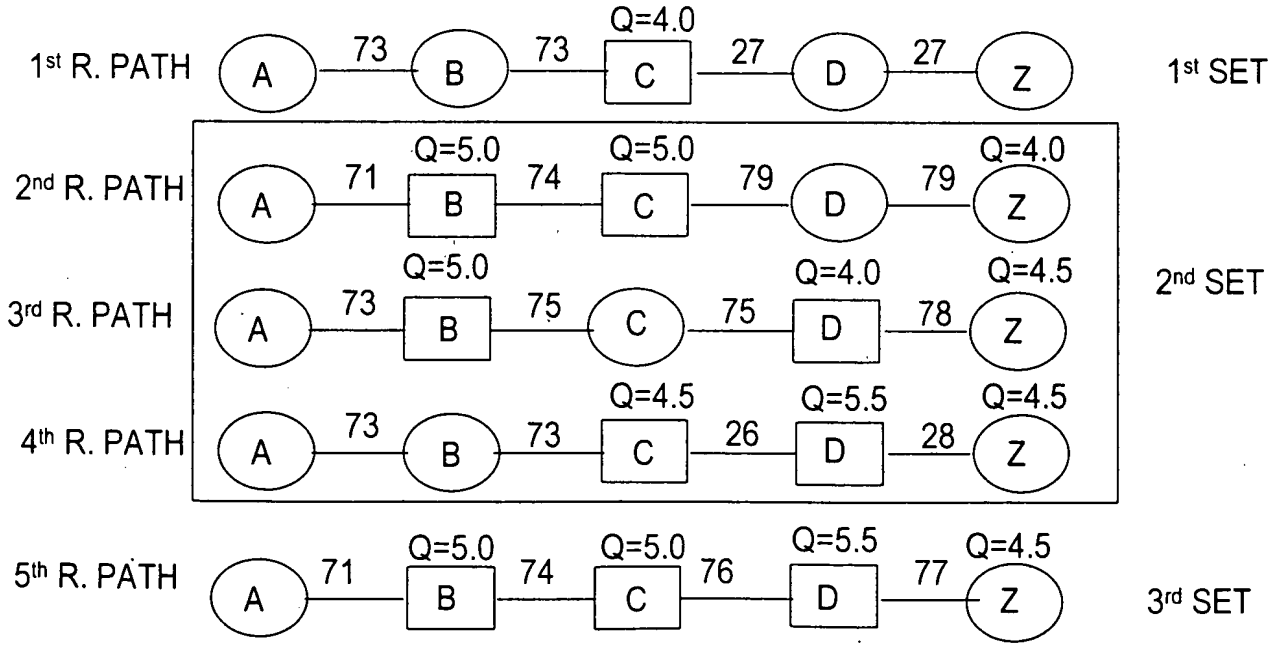


FIGURE 5A

FIGURE 5B



T06T20" 59260660

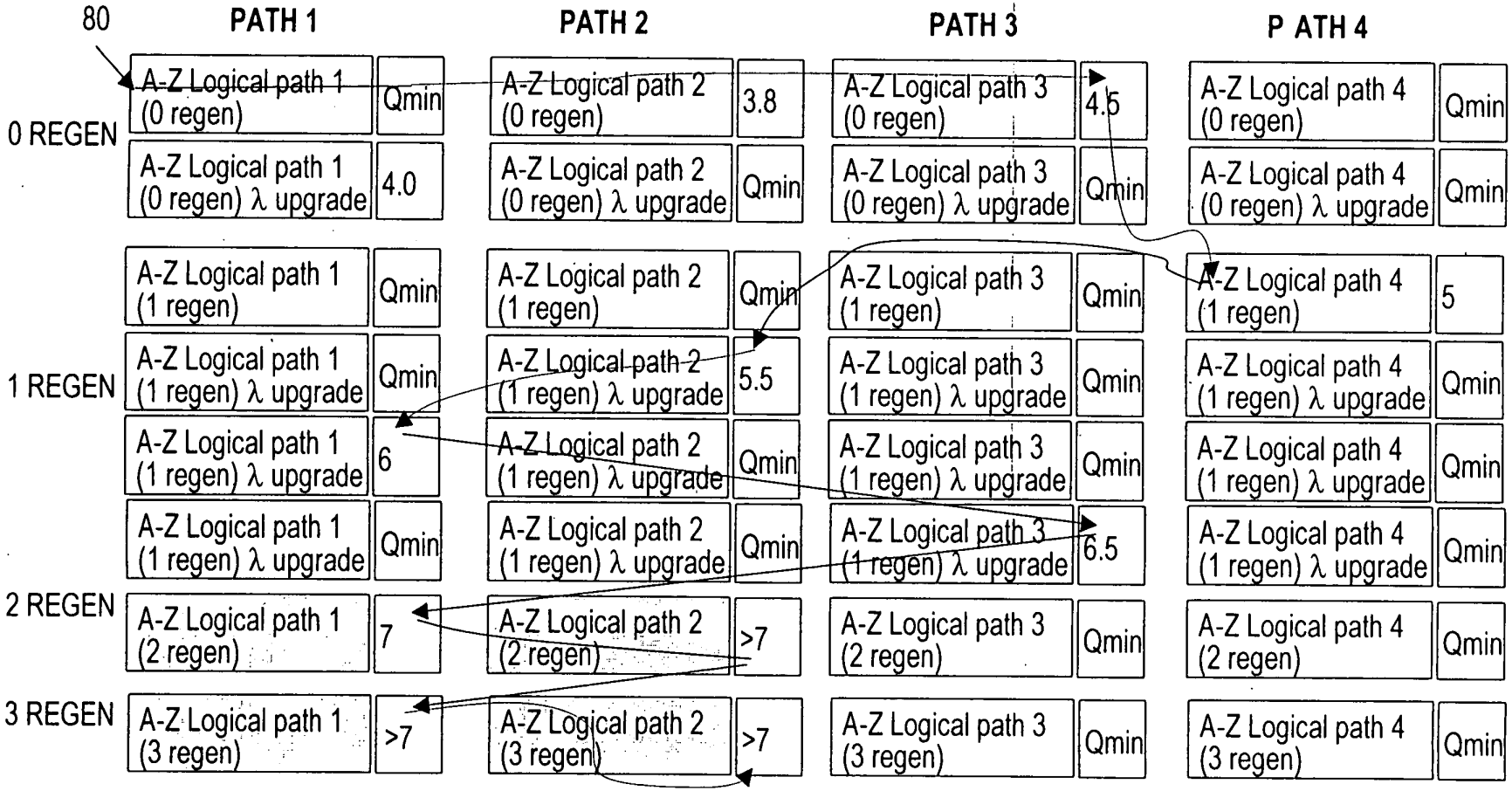


FIGURE 6A

FIGURE 6B

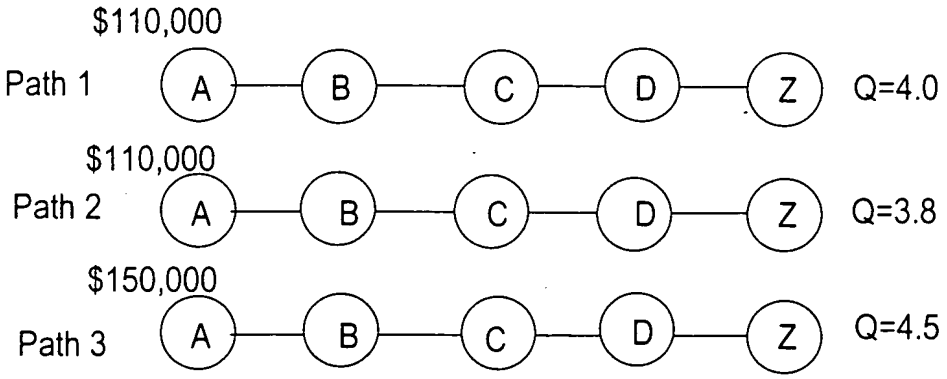
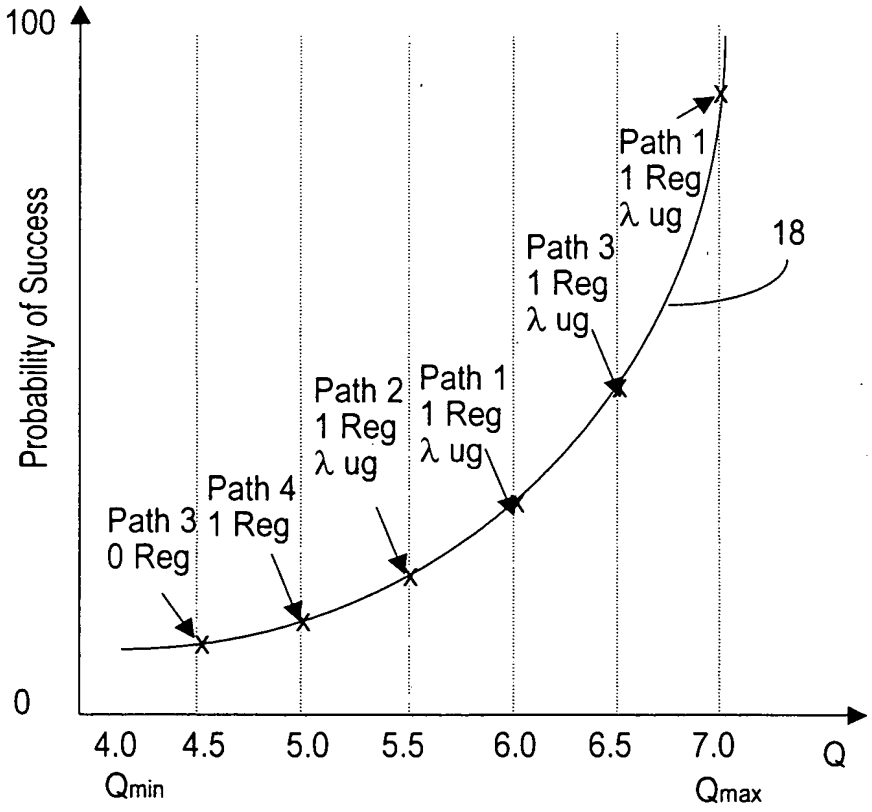


FIGURE 6C



T05T20"5925066D

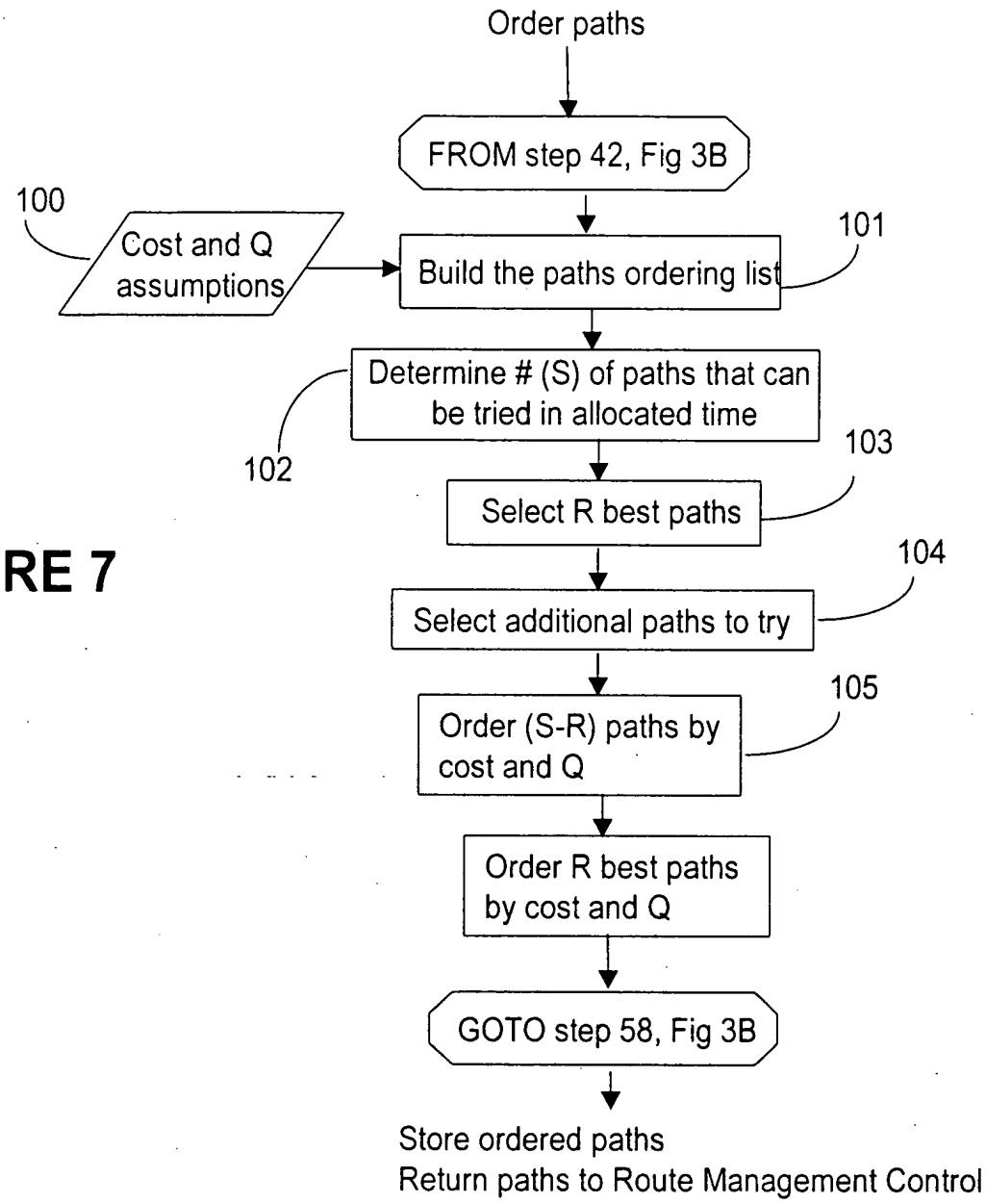
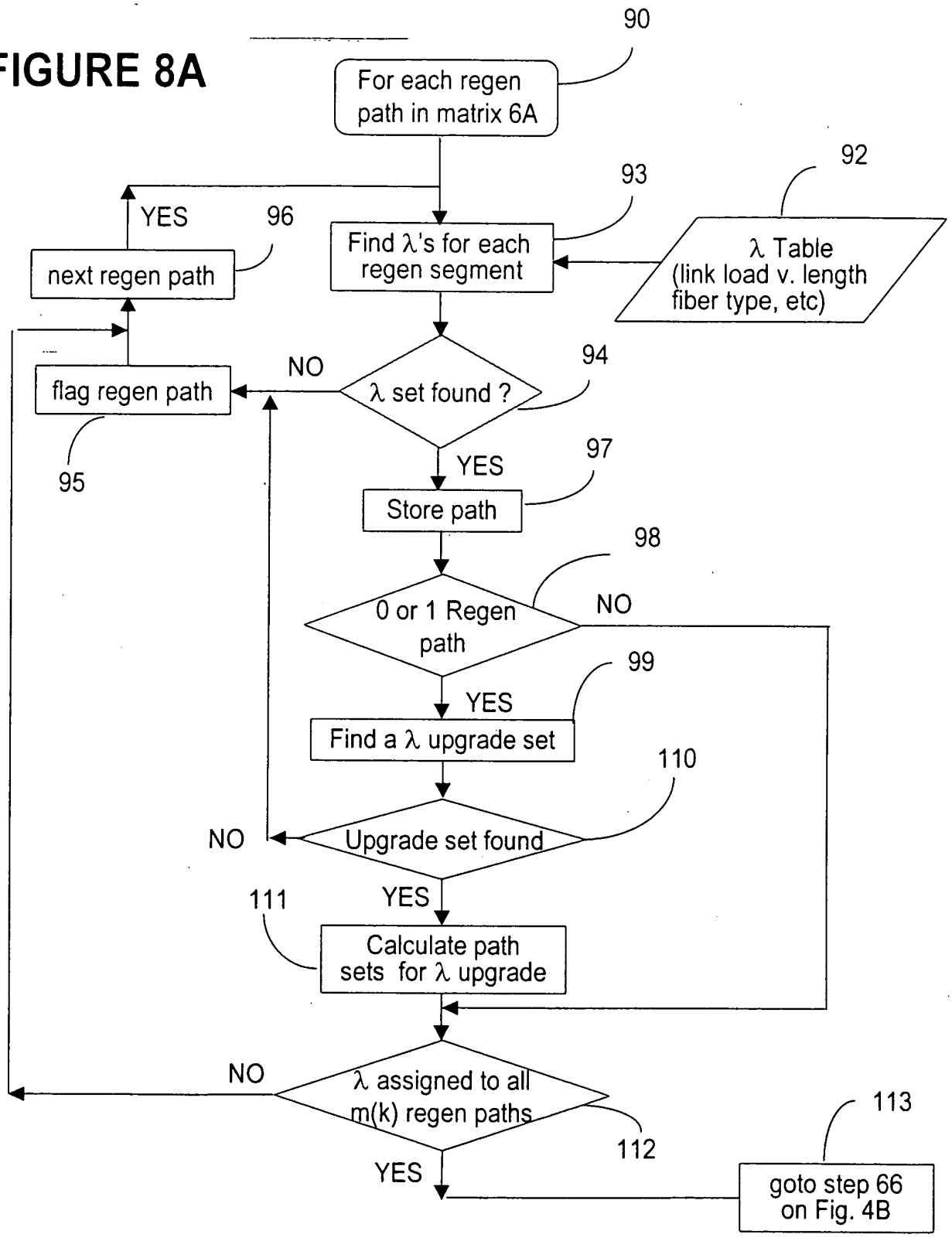


FIGURE 7

09605265 - 071901

FIGURE 8A



FOSTER-SWIFT

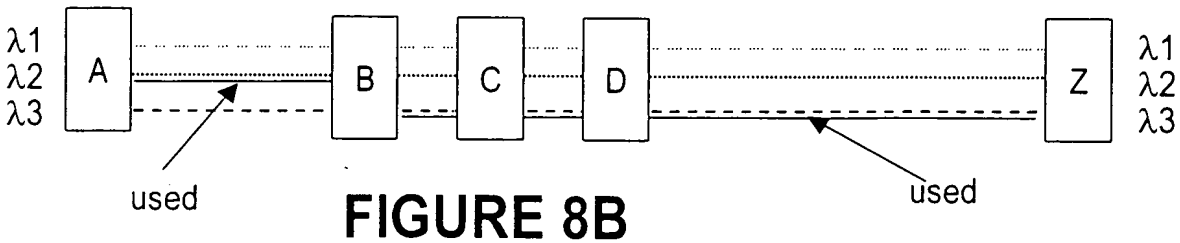


FIGURE 8B

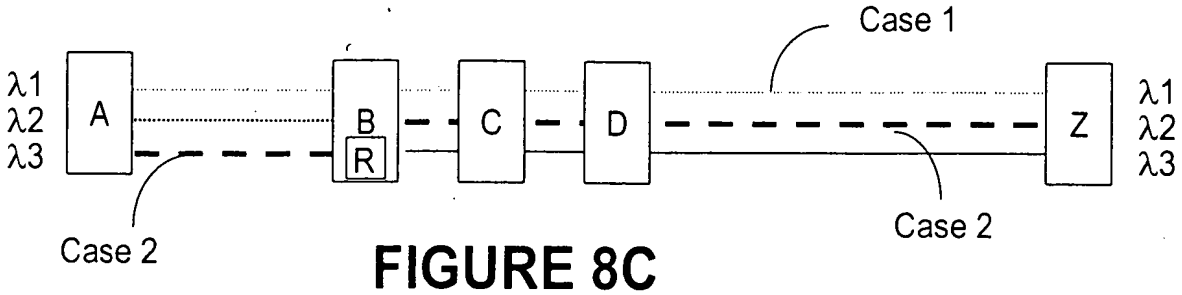


FIGURE 8C

09805265 - 071501

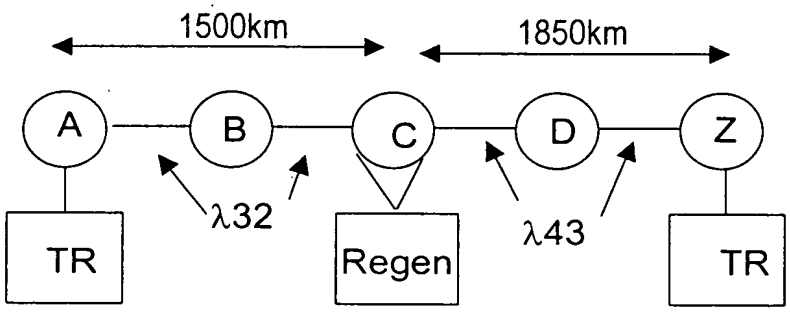


FIGURE 9